

Amendments to the Specification

Please replace the paragraph beginning on page 10, line 10 with the following paragraph:

It has previously been shown that u-PA is secreted by LLC-PK1 cells in response to activation of both the PKA and PKC pathways by calcitonin (Jans, D.A., and Hemmings, B.A., *FEBS Lett* 205:127-131 (1986)). The present inventors have reconfirmed that, in LLC-PK1 cells, both the PKA and PKC pathways are linked to u-PA production. The present inventors have developed a spectrophotometric bioassay that measures u-PA production, and thus PKA or PKC activation, in these cells. ~~Gs and Gq proteins activate the PKC pathway and thereby increase u-PA production in LLC-PK1 cells.~~ An agonist of a Gs or Gq protein coupled receptor increases u-PA production in cells which express u-PA. An antagonist of a Gs or Gq protein coupled receptor inhibits the activity of a Gs or Gq protein coupled receptor agonist, thereby decreasing u-PA production in cells which express u-PA relative to the agonist administered alone.